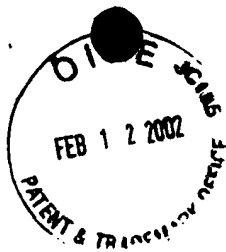


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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Takeda et al.

Serial No. 09/679,455

Filed: October 4, 2000

For: VERTICALLY-ALLIGNED
(VA) LIQUID CRYSTAL
DISPLAY DEVICE

Art Unit: 2871

Examiner: Nguyen, D.

) I hereby certify that this paper is being deposited with the
) United States Postal Service as FIRST-CLASS mail in an
) envelope addressed to: Assistant Commissioner for Patents,
) Washington, D.C. 20231, on this date.

) January 14, 2002

) Date
) F-CLASS.WCM

) Appr. February 20, 1998

Registration No. 47,954

Attorney for Applicant

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

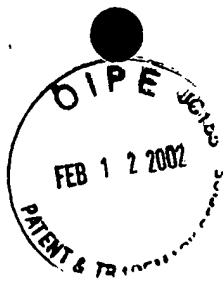
Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants through
counsel herewith submit copies of the patents, as set forth in the attached form PTO-1449 as
follows:

OTHER DOCUMENT

- (1) Development of Super-High-Image-Quality Vertical-Alignment-Mode LCD, Ohmuro et al., SID 97 DIGEST, pp. 845-848.

see 4,297,004



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REMARKS

Applicant respectfully requests that the Examiner consider the above-listed reference in the examination of this Application and list this reference of record in the Application.

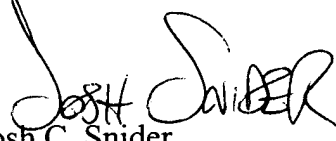
Applicants hereby certify that the above item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement.

The Commissioner is hereby authorized to charge any additional fees which may be required in this Application under 37 C.F.R. 1.16.-1.17 to Deposit Account No. 07-2069.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By


Josh C. Snider
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January 14, 2002
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